Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Sunday 22 Jan 2023 until 23:59 on Monday 23 Jan 2023

Forecast Issued on Saturday 21 Jan 2023 at 16:14

Confidence: High for gradually becoming milder through the coming days, but lower for cloud details.

Headline for Sunday 22 Jan 2023: Dry with some long sunny spells, low level fog slow to clear.

Mountain weather hazards on Sunday 22 Jan 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Partly cloudy (night)	Partly cloudy (night)	Sunny intervals	Sunny intervals	Sunny intervals	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability							
00%	00%	00%	00%	00%	00%	00%	00%

Forecast for Sunday 22 Jan 2023

Weather: Dry overnight with long clear spells and, especially in the east, some dense freezing fog patches likely. Low level freezing fog likely to be slow to clear, but the hills look dry with some good spells of, albeit rather hazy, winter sunshine.

Chance of cloud-free hill tops above 600m: Close to 100%

Low cloud and visibility: Lifting fog may briefly produce patchy cloud below about 450m, otherwise little or no cloud expected below the summits. Otherwise visibility good or very good, but just a few hundred metres or less in any overnight low level freezing fog.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Met Office Mountain Weather Forecast

Forecast for Sunday 22 Jan 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	17/28 S	18/27 S	16/25 S	15/22 S	13/20 S	10/17 S	10/15 S	9/13 S	8/12 SW
300	13/22 S	12/22 S	10/19 S	11/19 S	9/14 S	7/12 S	7/11 S	7/11 S	6/9 S
Valley	6/18 SE	6/18 SE	5/16 SE	6/15 SE	6/13 S	4/11 S	4/11 SE	4/10 SE	4/9 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-1/-7	-1/-7	-1/-7	-0/-6	0/-5	1/-4	0/-4	1/-3	0/-4
300	-0/-6	0/-5	0/-4	1/-4	2/-2	2/-1	2/-1	2/-1	2/-1
Valley	-1/-4	-1/-4	-0/-3	1/-2	3/0	3/1	2/-0	2/0	2/-0
Freezing Level*	00m	100m	100m	200m	400m	500m	600m	800m	600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Valley temperatures in east near minus 3 or 4 Celsius at dawn.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sat 21 Jan 2023	0.4mm	4.4mm	6.2mm

Forecast for Monday 23 Jan 2023

Weather: Similar to Sunday, overnight low level freezing fog likely to be slow to clear, but the hills look dry with some rather hazy, winter sunshine.

Maximum wind: Southerly or southwesterly around 10mph

Chance of cloud-free hill tops above 600m: Close to 100%

Low cloud and visibility: Lifting fog may briefly produce patchy cloud below about 450m, otherwise little or no cloud expected below the summits. Otherwise visibility good or very good, but just a few hundred metres or less in any low level freezing fog.

Temperature: **Valleys:** Around minus 2 or 3 Celsius at dawn, rising to plus 3 or 4 Celsius by day
At 600m: Around zero Celsius, rising a little later
Freezing level: Around 600m rising above summits later

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